ERICSSON W30/35

For W2X/W3X Fixed Wireless Terminals

The Ericsson W30/35 Mobile Broadband Router utilises an existing 2G/EDGE or 3G/HSPA mobile network to provide phone, broadband and fax services to enterprise and small businesses, without the need for a fixed telephone line or access to a cable network. Simply insert a SIM card into the Mobile Broadband Router, plug it into a power point and the device is ready for use.

With the W30, a user can connect multiple computers via the Ethernet ports or in-built WLAN and a printer/USB key/external hard drive to the USB slot for sharing to all connected users. In addition to these features, the W35 also provides telephone and fax functionality.

The W30/W35 offers unlimited application possibilities for businesses that require staff mobility, some examples include:

Office in a Box: provides an office solution to sectors such as mining, construction and emergency services where fixed infrastructure is costly and time prohibitive;

Data backup & redundancy: ensure business continuity to retail, banking and emergency services by providing a wireless voice and data redundancy path to guard against fixed line outages;

Fixed Line alternative: a cost and time efficient solution for broadband and fixed phone services, where POTS infrastructure is unavailable;

Mobile Workforce: event management, consulting and auditing sectors can bring their own wireless branch office (VPN) to a temporary work location.

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TAKING YOU FORWARD

Feature Summary:

- Out of the box, plug and play device
- Simultaneous use of broadband, voice and fax services (W35 only)
- High quality voice and fax services are provided via a telephony interface. A broad range of network related services such as Prepaid Subscription, Calling Line Identification, Call Waiting, Call Forwarding, Call Return and Multiparty Conference Calls are available (W35 only)
- Multi device data networking via both wired and wireless interfaces:
  - Four switched Ethernet 10/100BaseT ports for wired LAN connectivity, with rate auto-negotiation and MDI/MDIX auto-detection support
  - An integrated WLAN 802.11 b/g (data rates up to 11/54Mbps) access point for wireless LAN connectivity
  - One USB port (USB 2.0 Host Controller) for file and printer sharing
- Dual software image feature to ensure reliability of the device during software updates
- Flexible networking capabilities:
  - Comprehensive set of networking and IP protocols such as bridging, routing, DNS, DHCP server/relay, SNTP, and NAT
  - L2TP tunnelling providing a mechanism for tunnelling Ethernet frames between two peers over an existing network
  - VPN pass-through supporting VPN protocols for standard IPSec VPN applications
  - IPsec/VPN termination supporting one IPsec/VPN tunnel using Site-to-Site configuration
  - Stateful packet filtering firewall (using Linux Kernel iptables)
  - Wireless security features including standard WLAN WEP, WPA and WPA2 encryptions and MAC Association Control
  - QoS feature for outgoing IP traffic via the WAN interface
- Local and remote administration and management with SSH (Secure Shell) support. Web-based user interface for configuration of the device with wizard support
- SIM-lock and PIN-lock functions prevent unauthorized use of the subscription, while a mechanical antitheft kit is available to physically secure the Ericsson W25 to the wall
- Supports over the air remote software image installation, shell script execution and configuration changes.

Technical Specification:

Dimensions	H105 x W210 X D35mm
Weight	350g
Frequency Bands	WCDMA/HSPA 850/1900/2100MHz GSM/GPRS/EDGE 850/900/1800/1900 MHz
Data Rate	Downlink: up to 7.2Mbps Uplink Up to 2.0Mbps (W30) 5.76Mbps (W35)
Power	Power Adapter input: 100 - 240 VAC, 50-60Hz Power Adapter output: 12VDC Unit Power input: 10 - 28 VDC Power consumption: Up to 15W
Environmental Specification	Operating Temp: 0°C to +50°C Operating Temp Battery: 0°C to +40°C Storage Temp: -45°C to +85°C Operating Rel Humidity: 5 - 95% Storage Humidity: 10 - 100%
External Interfaces	Qty 4 x Ethernet RJ45 Qty 1 x USB 2.0 Qty 1 x Phone Port RJ11 Qty 1 x Fax Port RJ11 Standard SIM/USIM slot
In the box:	MBR Unit AC/DC Power Supply (AU/EU/US/UK) Ethernet Cable (3.0m) CD with User Guide Quick Installation Guide
Optional Accessories	Window mounted antenna Roof Mounted antenna Surge Protector USB Cable Backup battery (voice operation only)